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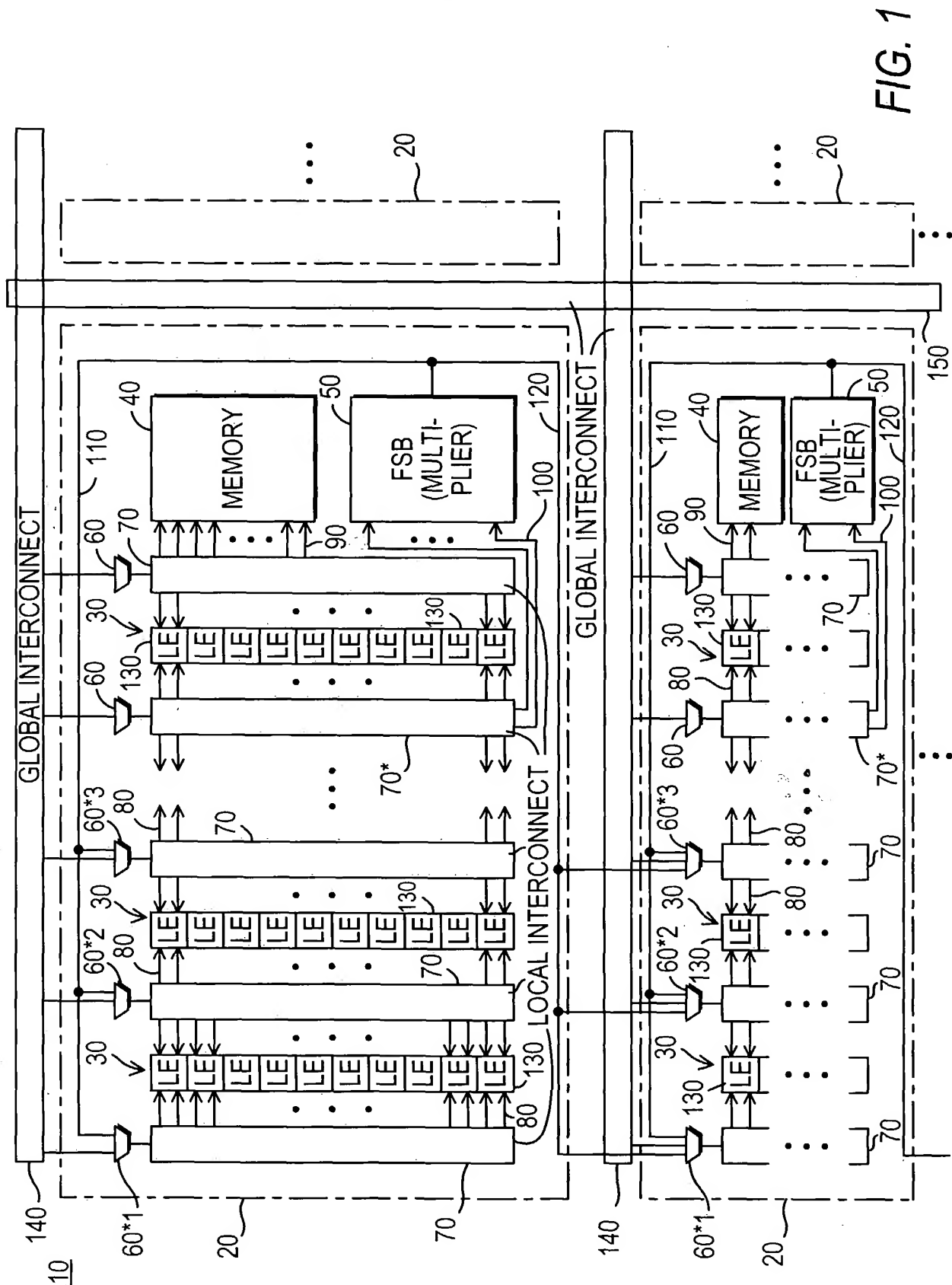


FIG. 1

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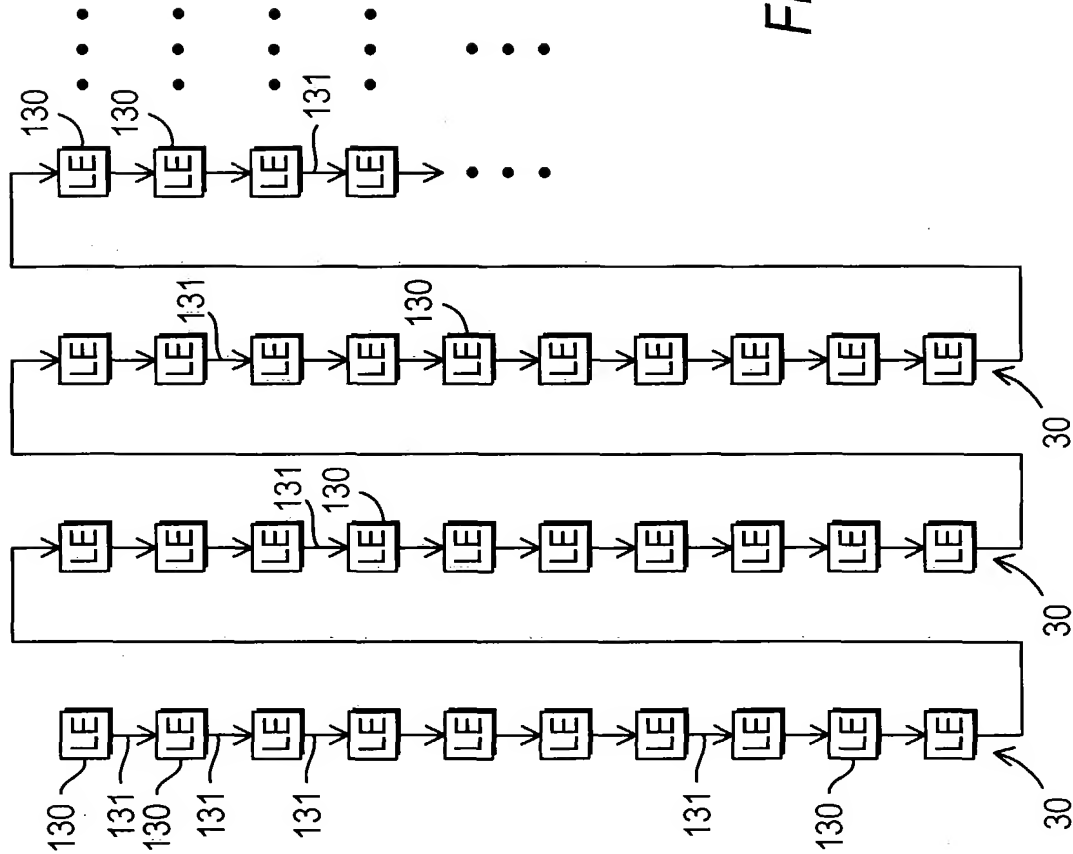


FIG. 1A

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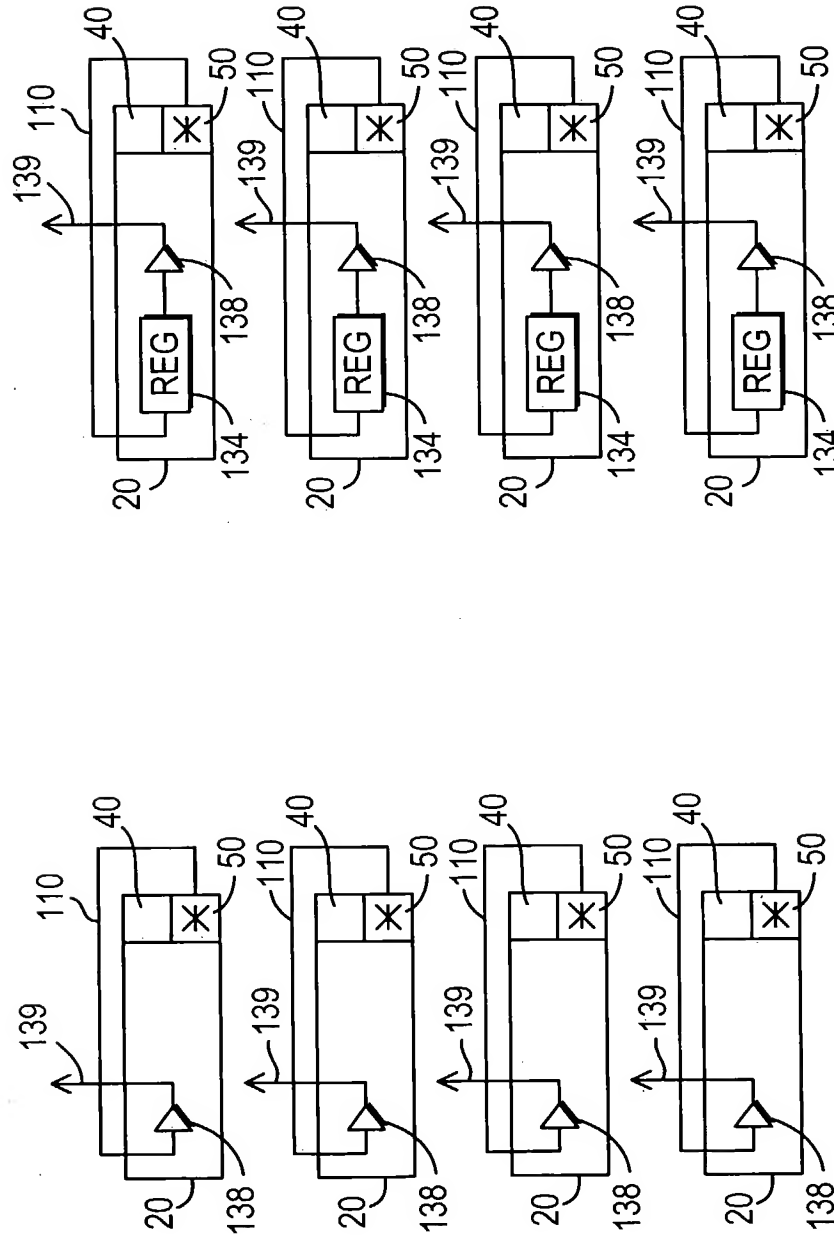


FIG. 3

FIG. 2

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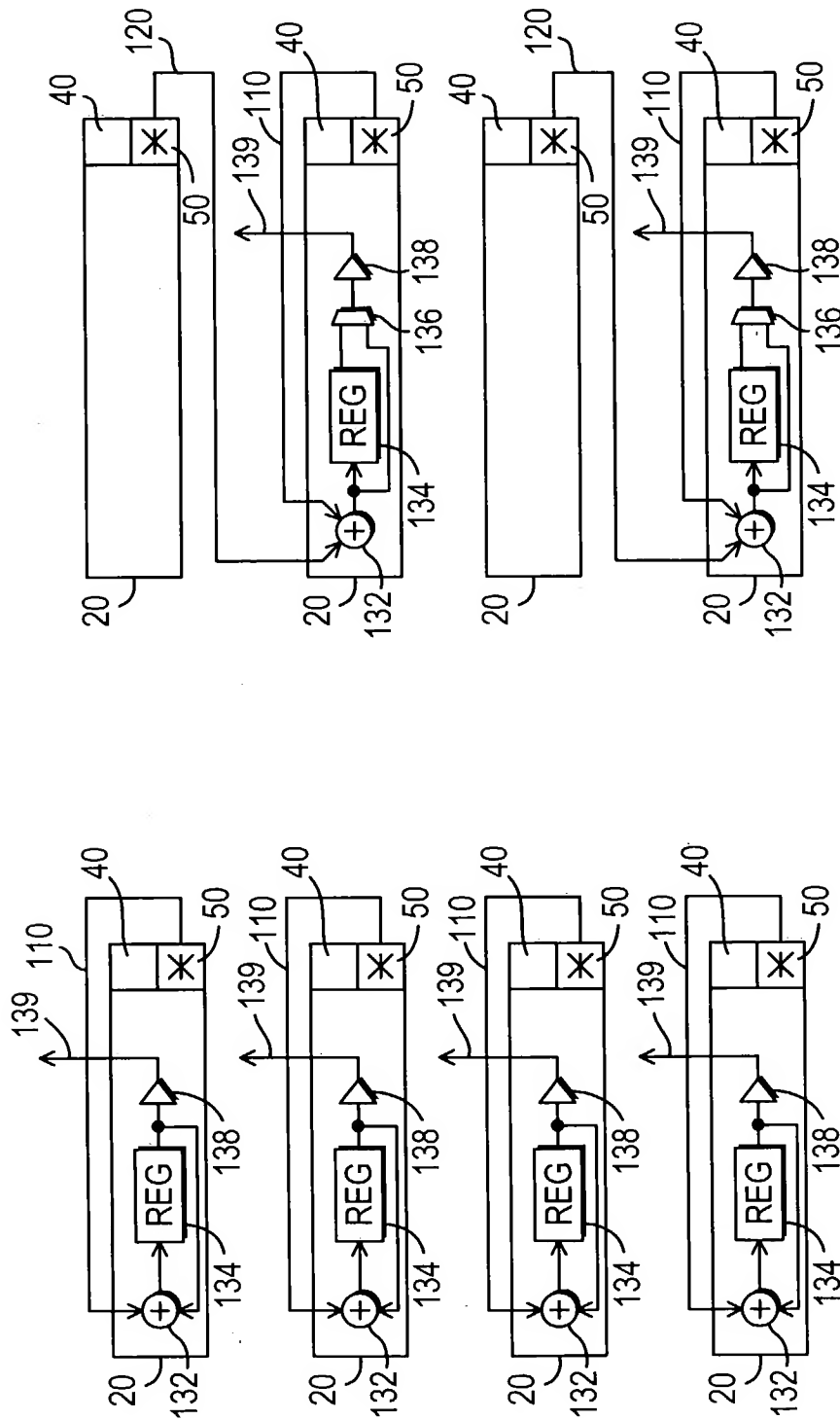


FIG. 5

FIG. 4

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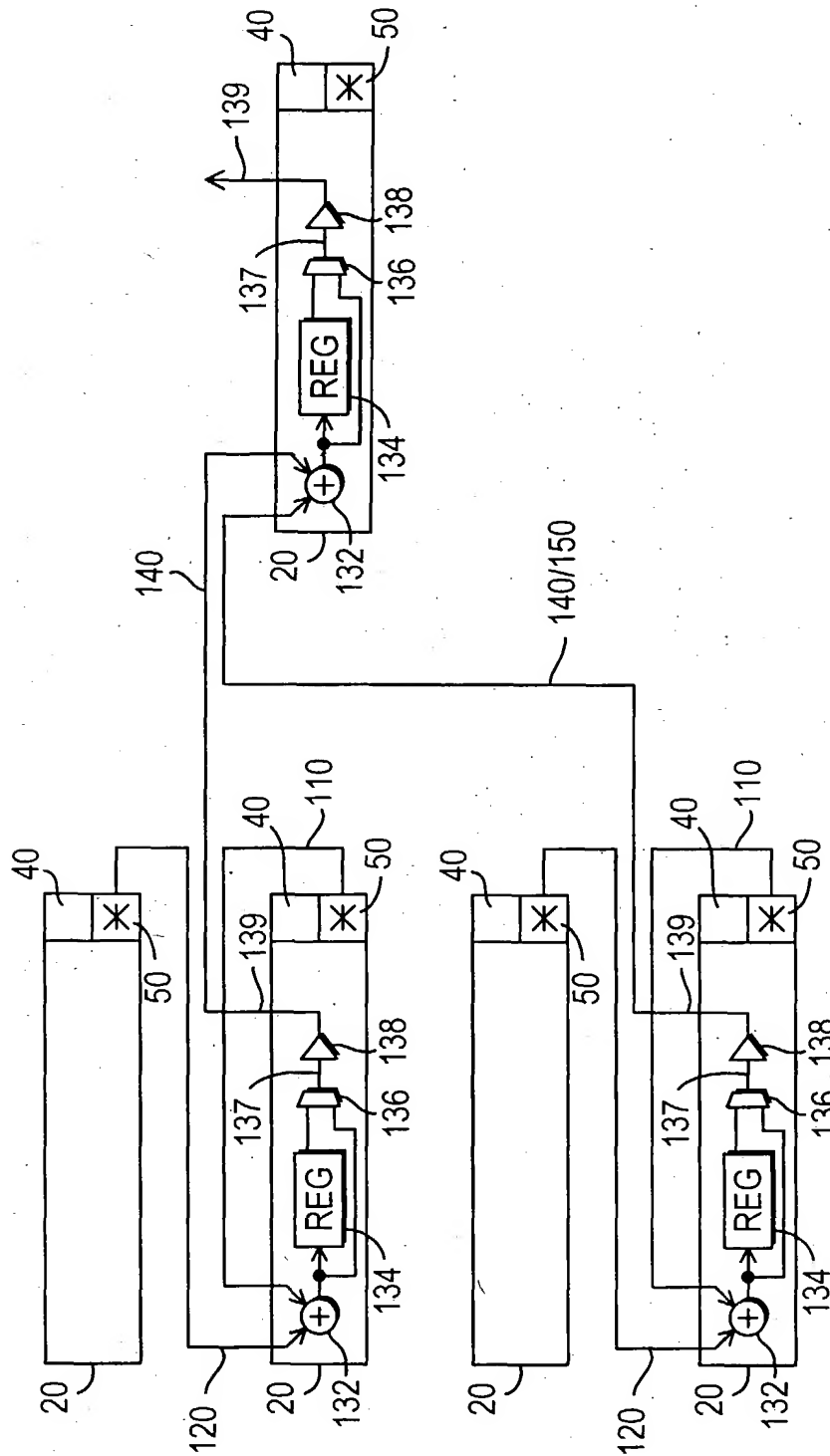
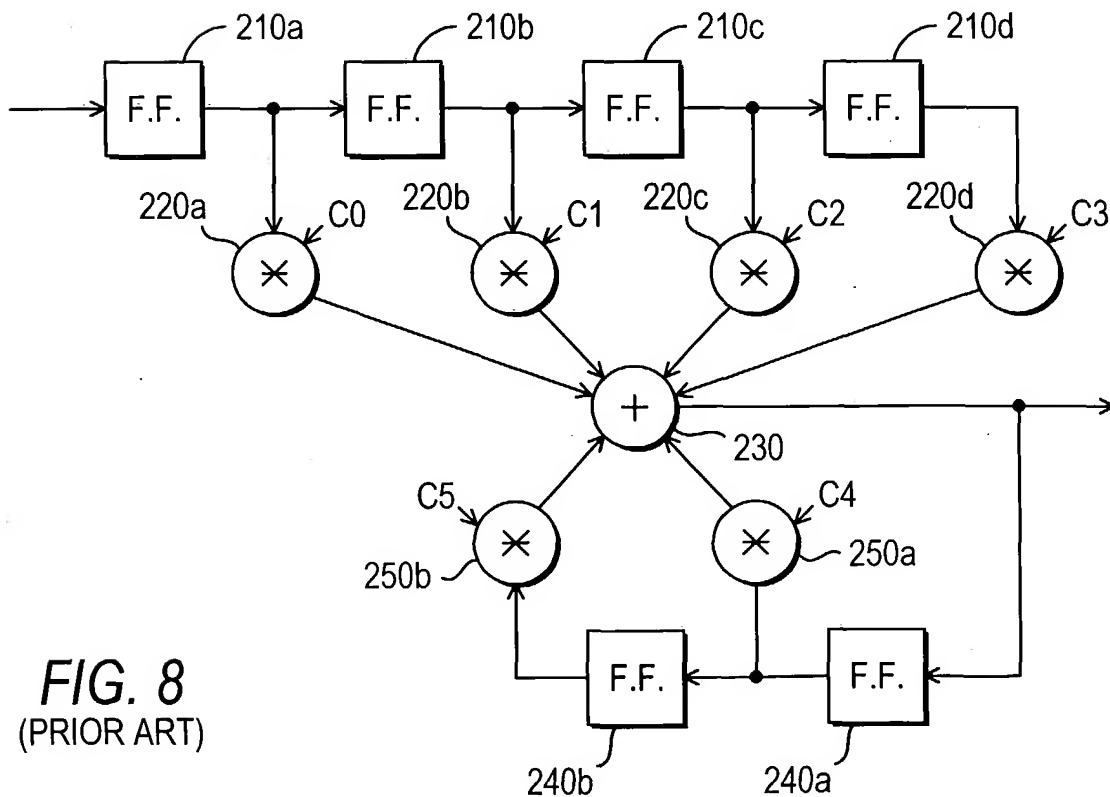
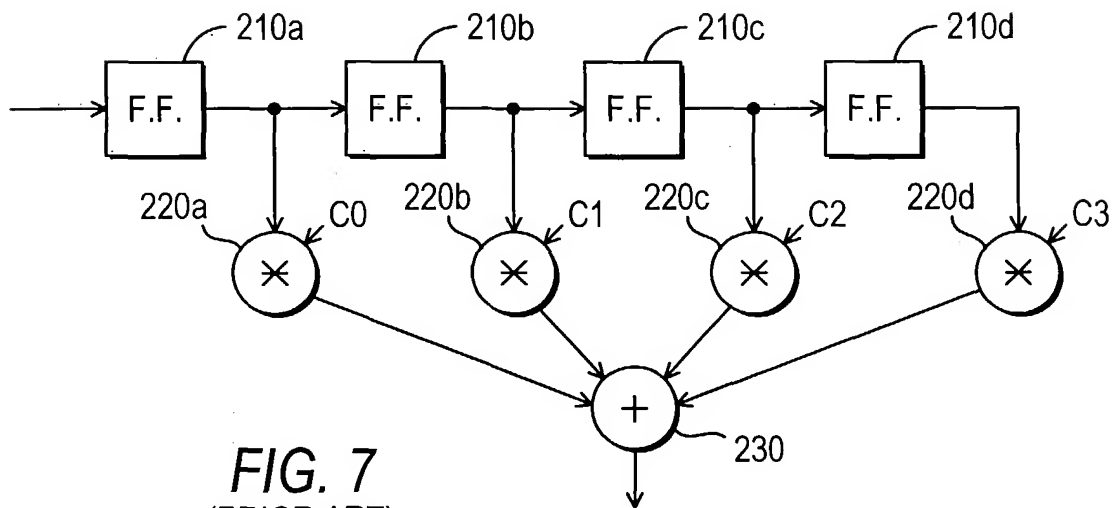


FIG. 6

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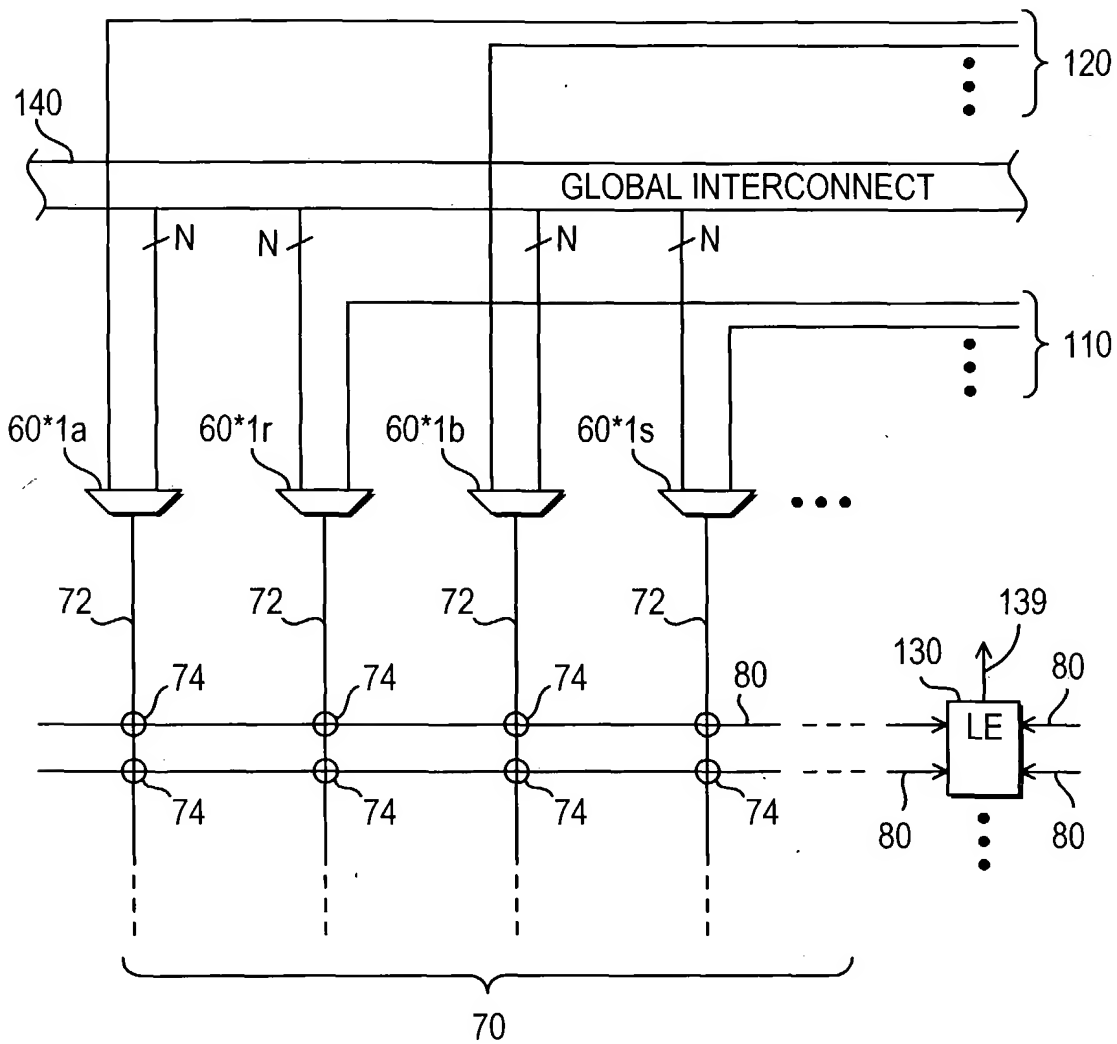


FIG. 9

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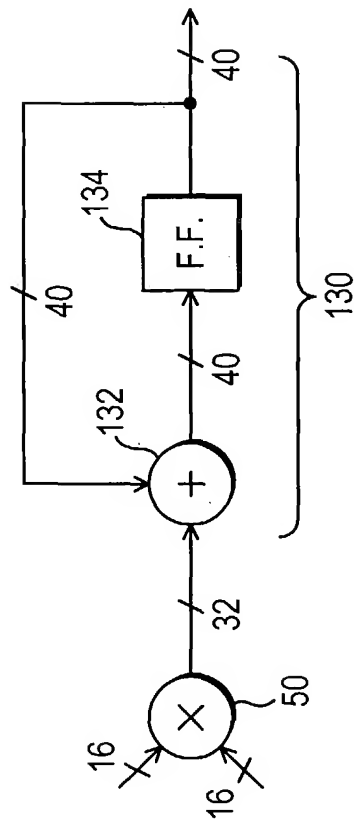


FIG. 10

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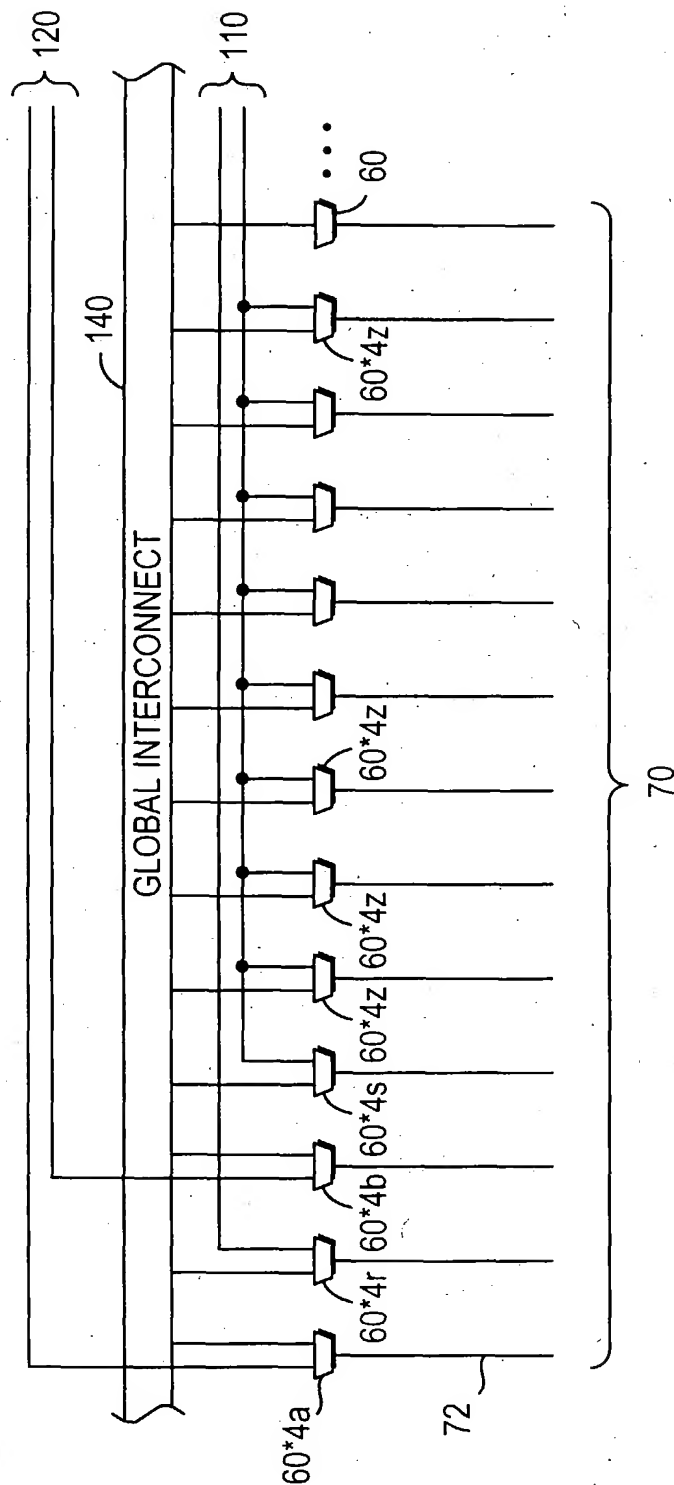


FIG. 11

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TWO'S COMPLEMENT									
DECIMAL VALUE		TWO'S COMPLEMENT REPRESENTATION							
⋮		⋮							
+3		•	•	•	0	0	0	0	1 1
+2		•	•	•	0	0	0	0	1 0
+1		•	•	•	0	0	0	0	0 1
0		•	•	•	0	0	0	0	0 0
-1		•	•	•	1	1	1	1	1 1
-2		•	•	•	1	1	1	1	1 0
-3		•	•	•	1	1	1	1	0 1
-4		•	•	•	1	1	1	1	0 0
⋮		⋮							

FIG. 12
(PRIOR ART)

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ONE'S COMPLEMENT									
DECIMAL VALUE		ONE'S COMPLEMENT REPRESENTATION							
⋮		⋮							
+3		•	•	•	0	0	0	0	1 1
+2		•	•	•	0	0	0	0	1 0
+1		•	•	•	0	0	0	0	0 1
0		•	•	•	0	0	0	0	0 0
-1		•	•	•	1	1	1	1	1 0
-2		•	•	•	1	1	1	1	0 1
-3		•	•	•	1	1	1	1	0 0
-4		•	•	•	1	1	1	0	1 1
⋮		⋮							

FIG. 13
(PRIOR ART)

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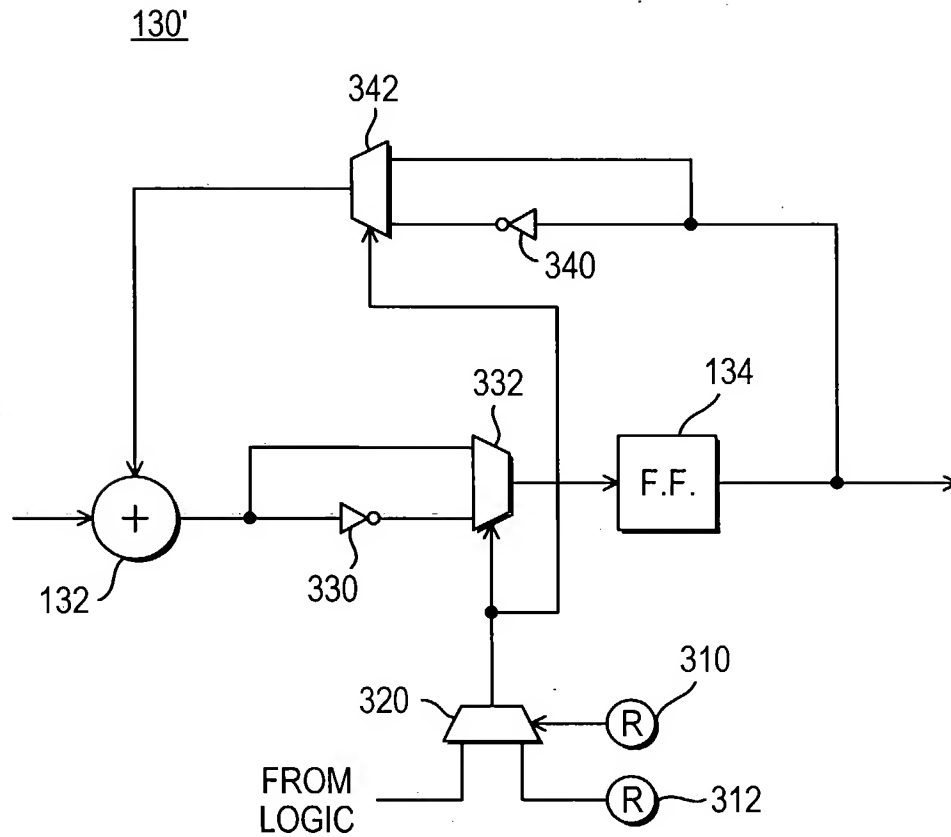


FIG. 14

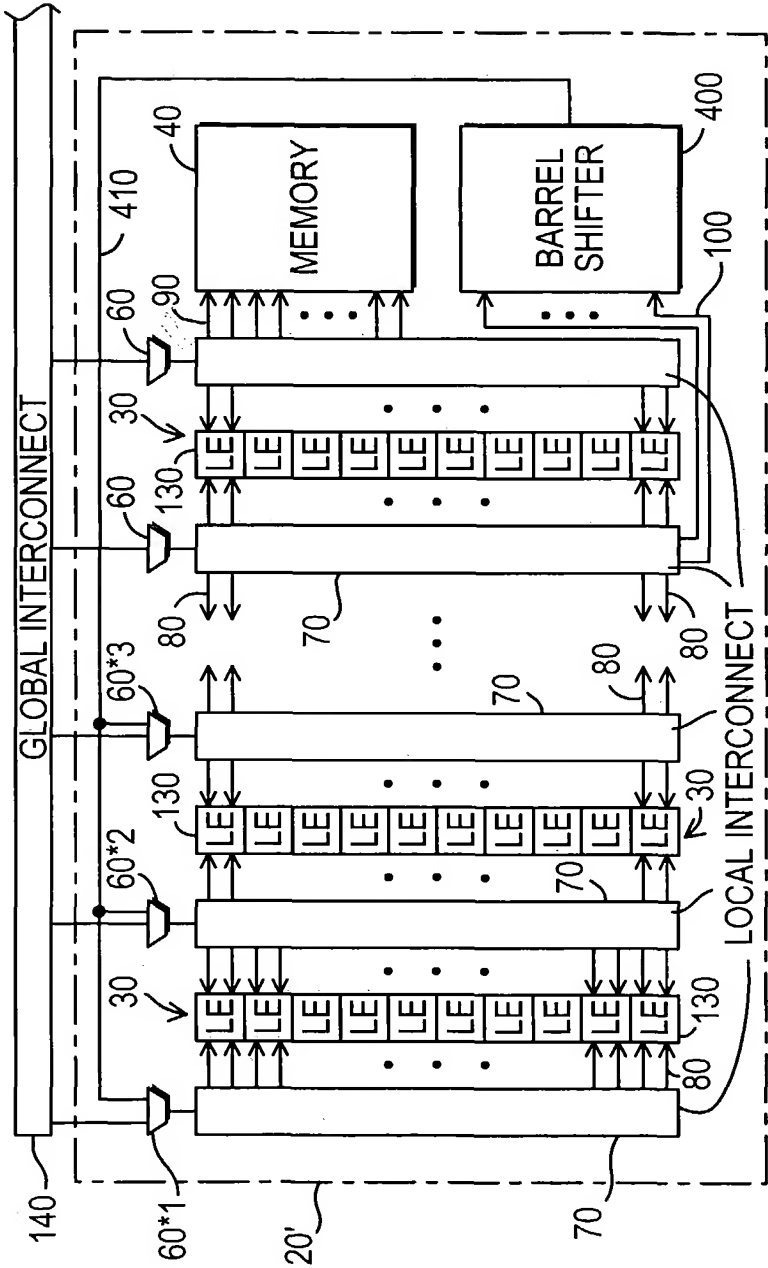


FIG. 15

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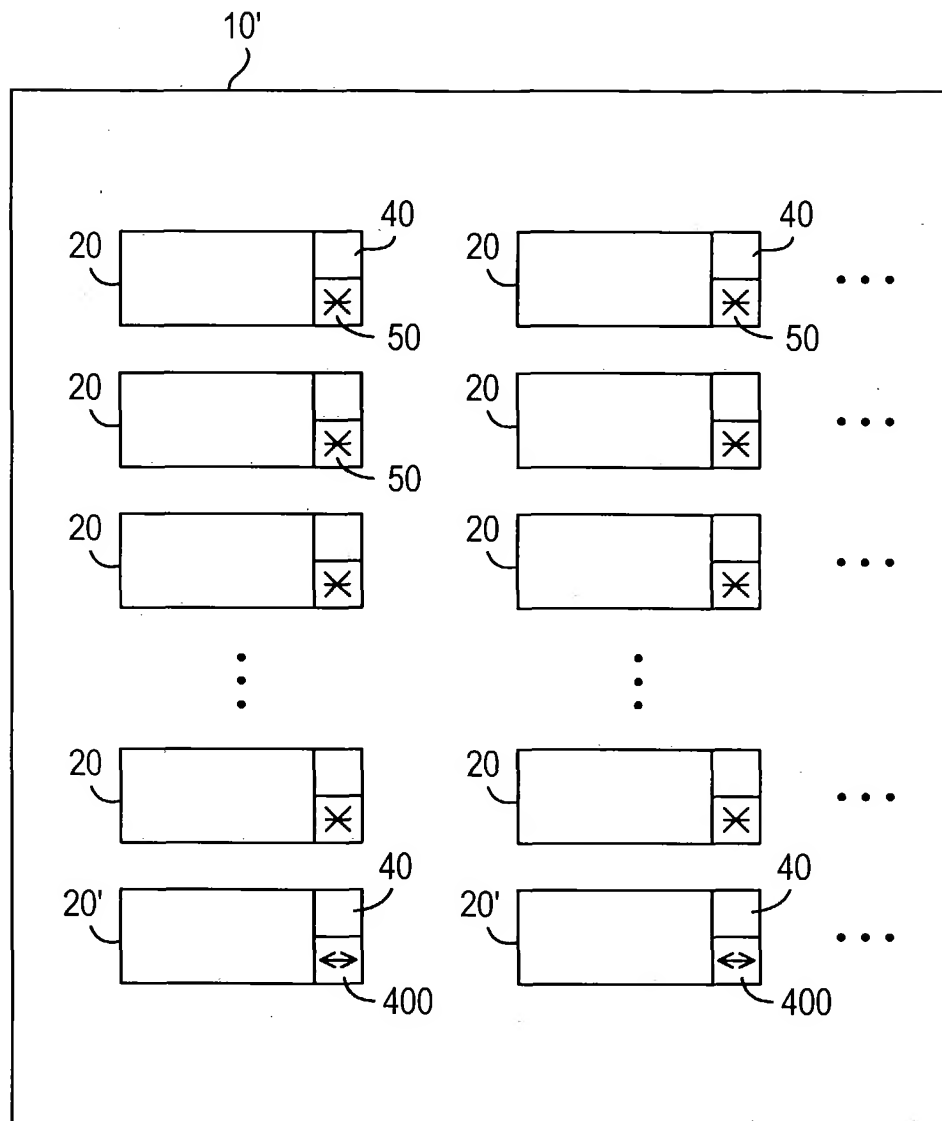


FIG. 16

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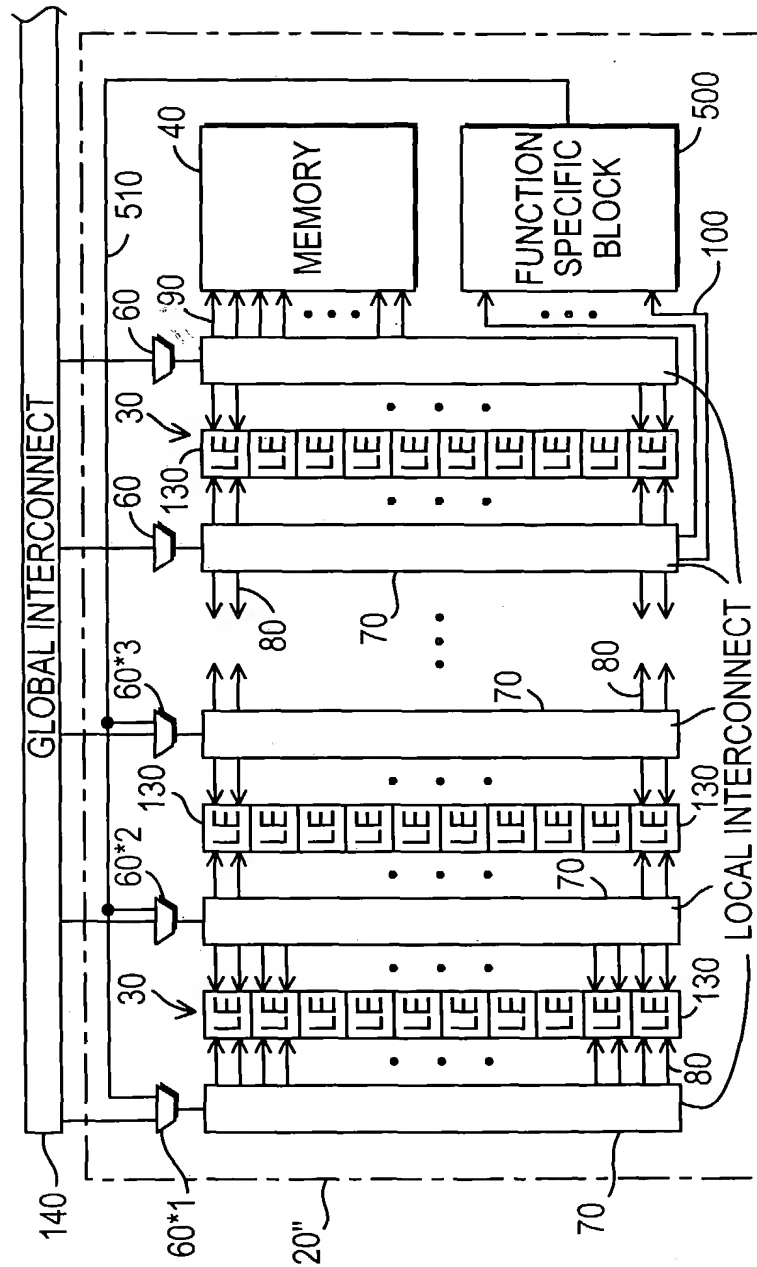


FIG. 17

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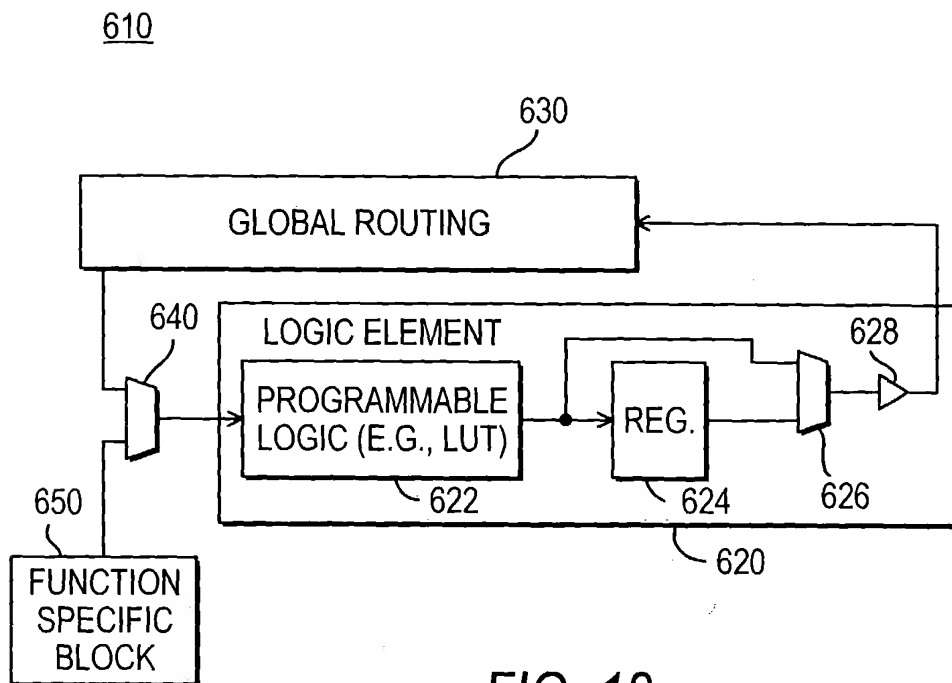


FIG. 18

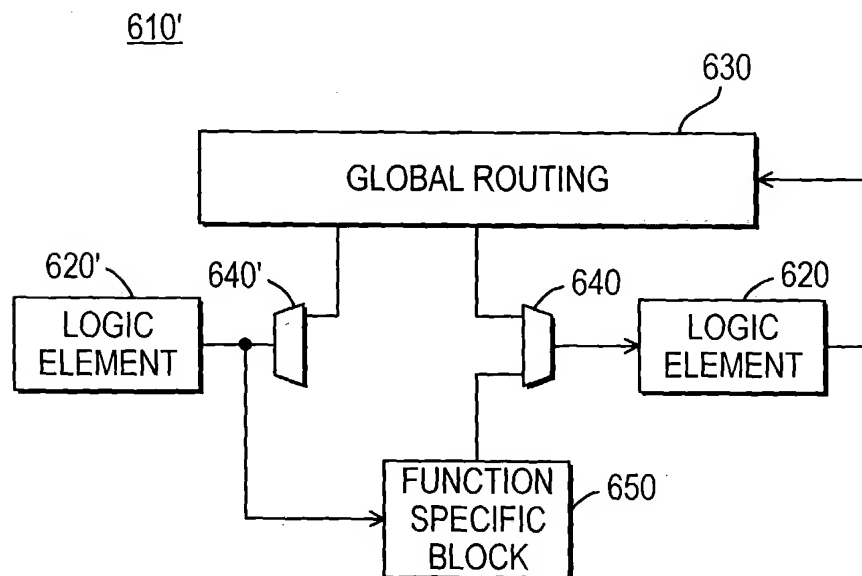


FIG. 19

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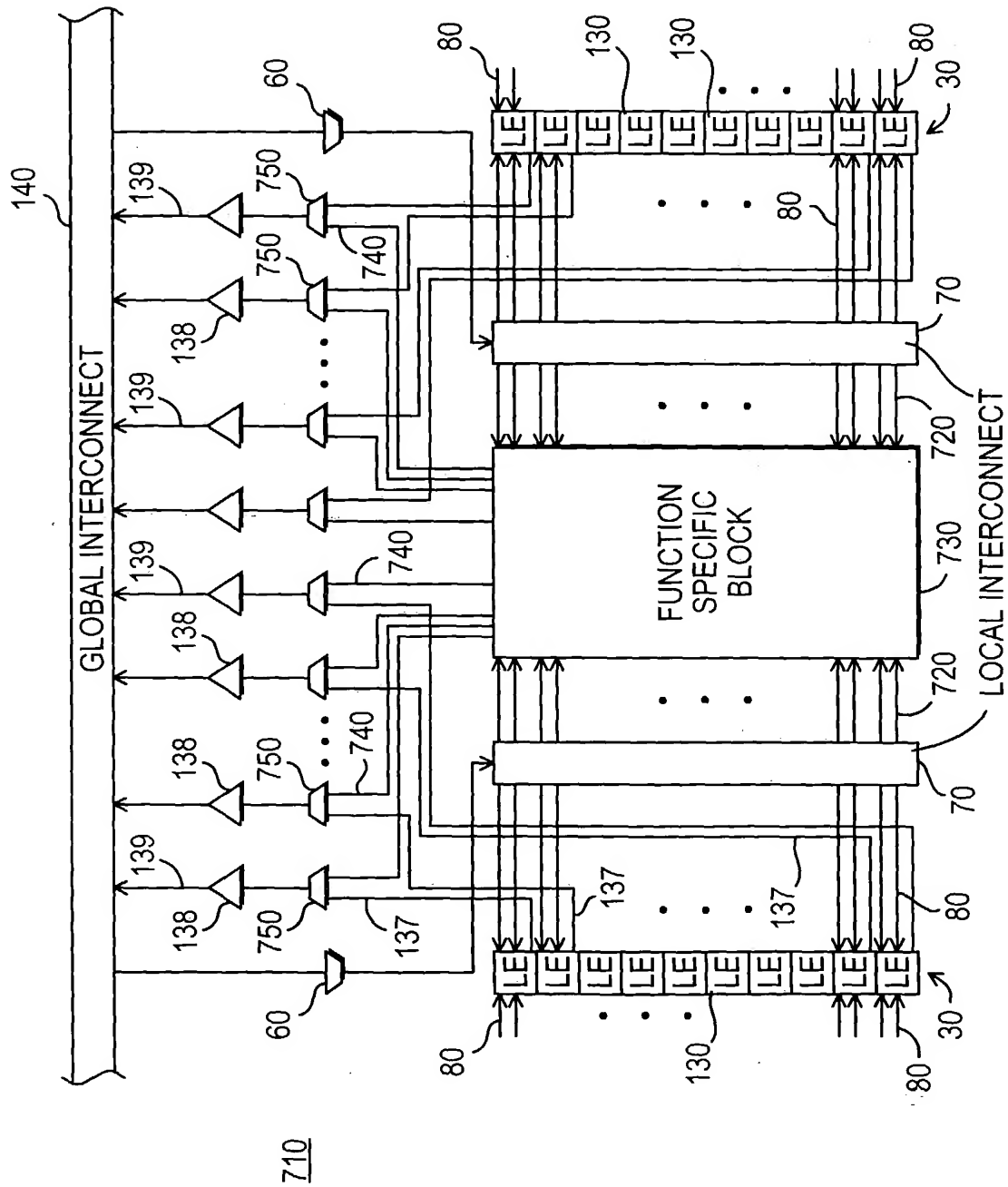


FIG. 20

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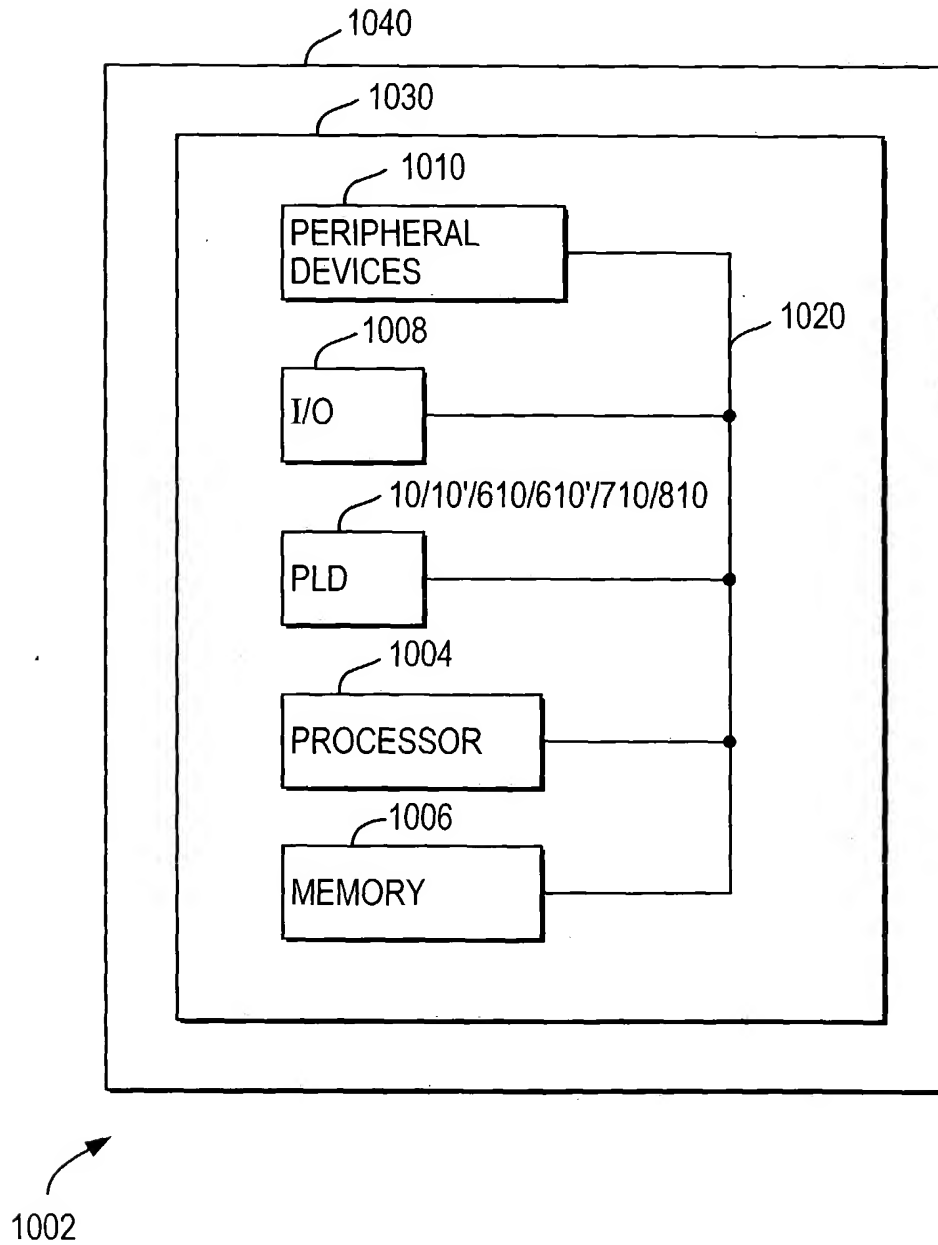


FIG. 22